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TEXTILE ORGANON

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Highlights

- 1987 Import/Export Review ... begins on page 24.
- Quarterly Fiber and Fiber Manufactures Import/Export Data ... begin on page 29.
- Quarterly Man-Made Fiber Data ... begin on page 34.

SHIPMENTS:

Total man-made fiber shipments in January fell to 706.2 million pounds, a 6.2% decline from the previous month and a level 1.1% below January of last year. Several seasonal trends were apparent. For example, cellulosic yarn at 15.9 million pounds was down 15.9% from December but ahead 8.9% from the previous January. Rayon staple shipments at 32.6 million pounds were 10.9% below the previous month but down just 4.4% from last January. Nylon staple at 78.0 million pounds was ahead 18.0% from December but was 7.3% below the level of January 1987.

Noncellulosic yarn shipments totaled 313.0 million pounds, a decline of 7.8% from December and 1.8% below the previous January. Noncellulosic staple at 344.7 million pounds was 3.8% below the December level and 0.5% less than the level of January last year.

TABLE 1:
TOTAL U.S. MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1988 JAN	1987 DEC	% CHG 12/87-1/88	1987 JAN	% CHG 1/87-1/88	YEAR TO DATE 1988	YEAR TO DATE 1987	% CHG YTD 1987-1988
CELLULOSIC								
YARN	15.9	18.9	*-15.9*	14.6	*+8.9*	15.9	14.6	*+8.9*
RAYON STAPLE	32.6	36.6	*-10.9*	34.1	*-4.4*	32.6	34.1	*-4.4*
TOTAL CELLULOSIC	48.5	55.5	*-12.6*	48.7	*-0.4*	48.5	48.7	-0.4
NONCELLULOSIC								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	27.5	30.4	*-9.5*	31.0	*-11.3*	27.5	31.0	*-11.3*
- CARPET	72.6	72.0	*+0.8*	75.1	*-3.3*	72.6	75.1	*-3.3*
- TEXTILE[a]	30.0	31.1	*-3.5*	30.5	*-1.6*	30.0	30.5	*-1.6*
POLYESTER - INDUSTRIAL	26.5	28.8	*-8.0*	26.6	*-0.4*	26.5	26.6	*-0.4*
- TEXTILE [a]	62.9	67.4	*-6.7*	63.3	*-0.6*	62.9	63.3	*-0.6*
OLEFIN	93.5	109.7	*-14.8*	92.3	*+1.3*	93.5	92.3	*+1.3*
TOTAL YARN	313.0	339.4	*-7.8*	318.8	*-1.8*	313.0	318.8	*-1.8*
STAPLE+TOW+FIBERFILL								
NYLON	78.0	66.1	*+18.0*	84.1	*-7.3*	78.0	84.1	*-7.3*
ACRYLIC+MODACRYLIC	48.5	52.0	*-6.7*	49.2	*-1.4*	48.5	49.2	*-1.4*
POLYESTER	190.4	209.2	*-9.0*	184.8	*+3.0*	190.4	184.8	*+3.0*
OLEFIN	27.8	30.9	*-10.0*	28.2	*-1.4*	27.8	28.2	*-1.4*
TOTAL STAPLE	344.7	358.2	*-3.8*	346.3	*-0.5*	344.7	346.3	*-0.5*
TOTAL NONCELLULOSIC	657.7	697.6	*-5.7*	665.1	*-1.1*	657.7	665.1	*-1.1*
TOTAL MAN-MADE FIBER	706.2	753.1	*-6.2*	713.8	*-1.1*	706.2	713.8	*-1.1*

a. Includes low denier industrial yarn.

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A Monthly Review

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DATAGRAM

FIBER IMPORTS INCREASED 0.8% IN 1987

In 1987, U.S. imports of man-made fiber increased by 2.9 million pounds, or 0.8% more than the 1986 quantity, to reach a total of 386.6 million pounds. The product showing the largest growth was polyester staple, whose imports increased by 29.9 million pounds over the previous year. (See Table 4)

FIBER EXPORTS INCREASED 9.8% IN 1987

1987 U.S. exports of man-made fiber increased by 67.3 million pounds, or 9.8% above the 1986 level, to total 752.7 million pounds for the year. Polyester staple showed the largest gain in exports by increasing 56.9 million pounds. (See Table 3)

THE U.S. QUARTERLY IMPORT BALANCE OF MAN-MADE FIBER AND FIBER MANUFACTURES FELL IN THE FOURTH QUARTER 1987

The total import balance for man-made fiber and fiber manufactures fell in the 4th quarter 1987 to reach 131.2 million pounds, a level 40.3 million pounds, or 23.5%, below the 4th quarter 1986 import balance. During the same time period the quarterly import balance of cotton manufactures grew by 117.7 million pounds and the import balance of wool manufactures fell by 13.6 million pounds. (See Table 7)

THE TOTAL AVAILABLE SUPPLY OF CELLULOSIC FIBER INCREASED IN THE FOURTH QUARTER 1987, WHILE THE NONCELLULOSIC AVAILABLE SUPPLY DECREASED

In the 4th quarter of 1987, the total available supply of both cellulosic yarn and rayon staple increased over 3rd quarter levels. In the same period, the total available supply of noncellulosic yarn and staple fell 2.5% and 1.0% respectively . In comparing the year 1987 with 1986, the available supply of cellulosic yarn fell 13.9%, while that of rayon staple gained 1.7%, noncellulosic yarn gained 4.3% and noncellulosic staple gained 6.5%. (See Table11)

HOECHST CELANESE COMPLETES SALE OF TWO POLYESTER TEXTILE FIBER PLANTS

Hoechst Celanese Corporation announced completion of the sale of the polyester fiber plants at Darlington SC and Fayetteville NC to Fiber Industries, Inc. The sale includes related manufacturing, administrative and technical support assets, and the "Fortrel" trademark. (Hoechst Celanese News Release)

TABLE 2:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

COUNTRY	A. CELLULOSIC YARN MONOFIL & STRIPS				B. NONCELLULOSIC TEXTILE YARN				C. NONCELL. INDUSTRIAL YARN, MONOFIL & STRIPS				D. CELLULOSIC STAPLE+TOW				E. NONCELLULOSIC STAPLE+TOW			
	THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS	
	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
AUSTRIA	0	0	0	0	13	0	91	0	29	5	141	19	5	1	7	2	32	20	33	12
BELGIUM/LUXEMBOURG	1186	678	2149	1131	8504	8684	28738	32586	14994	28638	19813	41951	909	1169	673	833	9450	12290	34300	42700
DENMARK	0	0	0	0	657	913	841	1344	139	43	127	44	9	10	11	20	4192	664	4004	706
FINLAND	0	0	0	0	31	223	256	425	757	520	853	529	1	1	1	2	184	233	93	147
FRANCE	8	21	49	55	2546	2328	9936	11405	320	723	680	1633	171	169	300	285	685	1841	872	2041
GERMANY, FED. REP.	55	157	117	225	1112	1328	4659	6647	7685	1890	9717	3739	144	133	298	288	2667	4211	3904	5526
GREECE	0	13	0	24	21	27	57	47	15	13	82	76	0	20	0	27	154	95	190	131
ICELAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	221	93	223
IRELAND	0	0	0	0	97	100	1533	359	663	772	1172	1234	0	0	1	0	444	875	953	1016
ITALY	1	+	2	4	74	935	1663	2154	1376	2860	1985	3306	84	42	97	43	6509	9881	4276	6293
NETHERLANDS	50	0	69	0	938	1196	1223	1612	303	1403	640	2247	15	22	17	8	4693	4291	4631	4148
NORWAY	0	0	0	0	393	71	514	62	296	428	294	507	76	41	82	64	171	241	209	265
PORTUGAL	0	20	0	44	620	160	720	218	255	70	300	87	0	0	0	0	0	0	0	0
SPAIN	0	25	0	42	963	2088	1221	2831	341	241	543	517	16	11	16	10	5832	5040	2989	3089
SWEDEN	0	0	0	0	333	244	407	321	479	1823	542	1967	28	26	37	38	1097	1540	1184	1714
SWITZERLAND	1	0	2	0	789	55	809	229	537	182	877	410	11	36	28	26	2798	5150	1743	2929
TURKEY	0	0	0	0	33	796	33	1023	27338	28777	26700	30539	87	0	155	0	4606	7609	2395	3836
UNITED KINGDOM	41	39	166	152	4259	4897	7289	8587	3892	6370	6024	9118	1599	269	1212	379	1898	4098	4164	7141
OTHER	0	0	0	0	0	0	0	0	0	1	0	7	0	0	0	0	4	0	3	0
TOTAL WESTERN EUROPE	1342	953	2554	1677	22929	24045	59990	69850	59419	74764	70490	97930	3155	1950	2935	2025	45511	58228	66036	81917
CZECHOSLOVAKIA	0	0	0	0	0	0	0	0	19	546	97	594	0	0	0	0	0	450	0	318
GERMANY, DEM. REP.	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	7	0	2	0
HUNGARY	0	63	0	88	71	0	82	0	0	0	0	0	0	0	0	0	0	0	0	0
POLAND	0	0	0	0	110	387	169	598	2542	1400	2362	1412	203	662	152	565	5689	7566	3223	3773
U.S.S.R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YUGOSLAVIA	0	0	0	0	1	0	13	0	1937	549	1796	527	0	0	0	0	647	0	410	0
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL EASTERN EUROPE	0	63	0	88	183	387	266	598	4498	2495	4255	2533	203	662	152	565	6343	8016	3635	4091
ARGENTINA	19	32	45	7	201	248	334	351	130	249	396	569	144	93	93	64	323	455	434	763
BOLIVIA	0	67	0	76	118	126	293	336	44	9	113	21	0	0	0	0	321	670	381	601
BRAZIL	132	175	205	313	1586	1531	3471	2682	1474	1027	3887	2547	66	255	59	208	1226	637	1628	2178
CANADA	3719	2745	4086	3745	18905	28718	32477	48979	9320	10325	21417	23142	323	950	264	648	58730	88387	48072	64623
CHILE	6	0	11	0	509	129	911	257	214	143	647	404	2059	1660	1653	1233	13893	13957	9456	8413
COLOMBIA	0	25	0	52	884	406	1482	770	520	1440	3368	7253	4215	3508	2466	2361	13909	19496	8197	11545
COSTA RICA	0	3	0	7	6454	3717	6579	2867	380	35	250	89	107	37	76	26	1687	2967	1264	1878
DOMINICAN REPUBLIC	2	156	4	188	1642	1936	1274	1693	294	48	160	103	22	0	22	0	528	790	318	530
ECUADOR	170	172	261	387	1205	571	1422	512	75	139	269	302	67	686	54	480	8869	8828	6544	5317
EL SALVADOR	2	0	3	0	4873	758	4327	743	729	1215	1647	1753	241	43	181	72	4488	3689	3689	2259
GUATEMALA	0	21	0	61	1647	1555	1342	1493	151	38	379	149	0	0	0	0	2496	6769	1642	4154
HAITI	0	1	0	9	202	272	268	334	713	737	1002	1037	6	1	6	2	3	6	10	22
HONDURAS	0	0	0	0	1688	556	1234	760	85	20	108	58	4	3	12	9	386	2167	270	1207
JAMAICA	5	0	7	0	476	441	633	559	17	14	54	32	0	0	0	0	1	43	5	86
LEEWARD & WINDWARD ISL.	0	0	0	0	27	0	13	2	1	0	1	0	0	0	0	0	9	5	5	5
MEXICO	205	50	428	72	675	1737	1298	3347	1381	2223	3605	6084	9926	9142	7363	5984	16576	22341	14598	19021
NICARAGUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PANAMA	0	0	0	0	159	155	228	251	126	133	175	612	0	0	0	0	94	60	76	379
PARAGUAY	0	0	0	0	9	0	21	0	0	1	0	10	0	0	0	0	9	0	5	0
PERU	4	5	7	11	167	196	258	326	1423	536	2279	880	137	429	132	314	482	451	295	246
TRINIDAD	0	0	0	0	1	2	3	10	6	52	45	79	0	0	0	0	8	8	39	20
URUGUAY	0	169	0	266	175	94	171	103	6	3	20	18	0	34	1	23	371	499	303	352
VENEZUELA	7	23	26	29	2254	1201	3125	2441	435	153	1300	1129	8346	7808	6136	6532	4116	4486	3802	4059
OTHER	0	0	0	0	18	90	43	71	9	5	23	28	+	4	2	12	38	19	77	23
TOTAL OTHER AMERICAS	4271	3644	5083	5223	43875	44439	61207	68887	17533	18545	41145	46299	25663	24653	18520	17968	128569	176730	101110	127681

TABLE 2:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION *(CONTINUED)*

	A. CELLULOSIC YARN MONOFIL & STRIPS				B. NONCELLULOSIC TEXTILE YARN				C. NONCELL. INDUSTRIAL YARN, MONOFIL & STRIPS				D. CELLULOSIC STAPLE+TOW				E. NONCELLULOSIC STAPLE+TOW			
	THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS	
COUNTRY	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
BANGLADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3
HONG KONG	13	5	35	126	754	600	1365	1195	290	361	900	1301	101	37	127	78	3873	9312	5069	5393
INDIA	104	140	69	96	485	231	802	428	2346	2808	3014	3429	97	52	65	35	2971	2366	1605	1094
INDONESIA	0	0	0	0	113	0	116	0	5041	3091	5648	3532	0	0	0	0	759	586	716	315
KOREA, REP. OF	0	37	0	52	389	381	1359	943	785	1062	1166	1730	0	133	0	182	8889	19042	7625	14850
MALAYSIA	1	0	3	0	0	4	0	20	1	0	7	0	0	0	0	0	15	52	27	72
PAKISTAN	0	19	0	32	21	347	27	593	44	42	19	55	0	37	0	44	430	1434	174	665
PHILIPPINES	10	8	33	20	200	470	332	746	925	1593	7832	13467	5	7	6	12	4634	5212	5713	5259
SINGAPORE	1	0	8	0	5	339	21	168	526	216	528	265	1	40	2	27	292	599	1810	514
TAIWAN	2	262	4	353	787	1782	1220	1877	4567	3366	5084	4016	309	969	265	802	13108	13198	9585	9513
THAILAND	100	56	143	76	22	48	31	69	199	299	383	654	0	0	0	0	1948	11698	1046	4984
TOTAL OTHER ASIA	231	527	300	755	2776	4202	5273	6039	14724	12838	24581	28449	513	1275	465	1180	41919	63501	33370	42662
CHINA, PRC	0	417	0	585	44600	760	36642	974	60	3	213	19	2511	5375	1222	3190	20012	39144	12202	21261
JAPAN	3	88	20	119	2421	3732	7222	9815	12687	15050	14654	18766	207	412	282	613	4002	4216	11197	12365
ALGERIA	0	0	0	0	0	0	0	0	2	0	8	0	0	0	0	0	0	1	0	4
AUSTRALIA	1303	392	1875	611	8524	8222	18433	17982	1569	1542	3559	3633	201	145	381	280	3678	6476	4813	10709
CAMEROON	0	0	0	0	80	132	141	196	0	0	0	0	0	0	0	0	0	0	0	0
EGYPT	0	0	0	0	1583	1611	1458	2003	869	88	668	144	0	0	0	0	6955	4708	4665	3224
IRAQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISRAEL	70	10	173	12	3187	3055	3793	3744	7556	7913	7126	8822	9	3	9	6	1853	2158	1314	1517
JORDAN	0	57	0	104	35	1	68	3	0	0	0	0	0	0	0	0	0	0	6	0
KENYA	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	4	0
LEBANON	0	28	0	25	0	78	0	52	308	123	340	108	0	0	0	0	0	0	0	0
MOROCCO	0	0	0	0	913	1064	816	778	808	0	690	0	0	0	0	0	1663	507	851	230
MOZAMBIQUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW ZEALAND	0	6	0	39	975	2273	2262	4100	419	313	871	839	12	+	10	2	485	406	646	566
QATAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NIGERIA	28	0	11	0	1744	111	4224	91	0	10	0	13	42	0	15	0	69	567	124	386
SAUDI ARABIA	0	0	0	0	3	86	19	174	15	45	28	62	0	0	0	0	149	589	968	638
SOUTH AFRICA	34	190	53	306	219	415	621	1140	32	37	101	254	50	27	31	27	2460	320	1789	286
SUDAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	+
SYRIA	64	52	47	56	426	2170	306	2804	164	254	201	377	0	0	0	0	48	12	28	16
TANZANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUNISIA	0	0	0	0	54	0	109	0	0	231	0	255	0	0	0	0	0	0	0	0
UNITED ARAB EMIRATES	0	0	0	0	0	0	0	0	1	0	8	0	0	0	0	0	6	0	40	0
ZAMBIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	21	9	55	29	0	0	0	0	0	0	0	0	19	341	13	278
OTHER	0	0	0	0	152	107	191	194	158	32	81	35	0	0	0	0	172	8	471	14
TOTAL M.E., A., & O.	1499	735	2159	1153	17966	19134	32496	33290	11901	10588	13683	14542	314	175	446	315	17558	16094	15732	17868
GRAND TOTAL	7346	6427	10116	9600	134750	96899	203096	189453	120822	134283	169021	208538	32566	34502	24022	25856	263914	365929	243282	307845

SOURCE: U.S. Census Bureau Report EM546.
The commodity numbers are:

+ Less than 1 thousand pounds.

A. 309.0110, .2210, 310.0004 & .0026.

B. 310.0005, .0007, .0010, .0014, .0029, .0034, .0040 & .0044.

C. 309.0120, .0140, .0170, .2220, .2270, 310.0027 & .0032.

D. 309.4219 & .4222.

E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247.

TABLE 3:
U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/87	THOUSAND POUNDS					THOUSAND DOLLARS				
		1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
CELLULOSIC FIBERS											
FILAMENT YARN [a]											
TEXTURED	310.0004	239	129	101	102	614	502	337	298	242	1323
OTHER [b]	310.0026	15496	8614	10412	7002	5428	16908	10051	13859	9207	7768
MONOFILAMENTS	309.0110	43	12	79	228	285	135	66	178	651	413
STRIPS	309.2210	40	79	37	14	100	56	85	44	16	96
SUBTOTAL ABOVE		15818	8834	10629	7436	6427	17601	10539	14379	10116	9600
STAPLE+TOW-RAYON	309.4222	40118	53882	35975	30887	32781	27427	37688	25546	21840	23369
STAPLE-ACETATE	309.4219	3093	2090	1849	1679	1721	2677	2337	2535	2182	2487
SUBTOTAL ABOVE		43211	55972	37824	32566	34502	30104	40025	28081	24022	25856
WASTE, ADVANCED&NOT ADVANCED	309.7400	1363	1632	1207	2222	1090	527	1062	801	1822	939
NONCELLULOSIC FIBERS											
YARN - SINGLES											
NYLON - TEXTURED	310.005 & .0007	40008	32268	26894	24403	35048	58366	50916	39982	42863	64400
- HIGH TENACITY [c]	310.0027	55606	66732	69386	76870	78107	65036	62515	72294	81880	88840
- OTHER	310.0029	15580	13155	9357	10333	9142	33691	28217	19373	23099	22983
POLYESTER - TEXTURED	310.0010	64040	79753	135997	68753	25057	80399	93889	140792	69534	28774
- HIGH TENACITY [c]	310.0032	12237	9156	32137	23862	24961	15553	11064	29618	27087	29829
- OTHER [d]	310.0034	3713	5968	8934	2347	1794	6518	8371	9270	2410	2567
OTHER - TEXTURED	310.0014	12631	7673	10495	21122	18119	16139	12040	14470	27888	29402
- OLEFIN	310.0040	806	340	555	1708	940	1259	485	766	1740	1087
- OTHER	310.0044	3610	5261	7766	6084	6799	20983	26909	32505	35562	40240
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	2350	2648	2364	5116	6663	10009	10435	9221	12901	16246
POLYESTER	309.0140	2925	3794	5759	6256	12294	7292	10141	14128	13387	21050
OTHER	309.0170	9930	11047	11955	4775	7453	19101	22912	17491	20821	33736
STRIPS	309.2220 & .2270	3242	4460	4204	3943	4805	5402	11398	13903	12945	18837
SUBTOTAL ABOVE		226678	242455	325803	255572	231182	339708	349292	413813	372117	397991
STAPLE - NYLON	309.4240	13518	14904	11100	15037	23447	21685	13854	17288	11610	24690
- POLYESTER	309.4242	101255	178903	176697	111270	168127	68307	116843	112222	68239	90039
- ACRYLIC	309.4245	114385	162285	150729	58397	67074	78572	114377	100146	40763	47571
- OLEFIN	309.4246	3698	4368	6974	14623	21433	2746	4088	5754	12670	17642
- OTHER	309.4247	11974	8555	10695	17410	35295	28331	30566	35401	57209	77415
GROUPED FILAMENTS											
NYLON	309.3220	3425	3048	1948	3701	5483	8766	8947	4635	9480	12681
POLYESTER [d]	309.3240	28890	23693	29155	21511	20573	25808	20749	23335	18135	18148
ACRYLIC	309.3250 & .3255	34621	33807	29214	21965	24497	28101	27202	24095	19498	19459
SUBTOTAL ABOVE		311766	429563	416512	263914	365929	258488	344457	319442	243282	307845
WASTE, ADVANCED&NOT ADVANCED											
- NYLON	309.7620	11841	12465	5601	8855	11686	6093	6494	3048	4441	6047
- POLYESTER	309.7630	40473	57371	46404	59265	56412	16090	22417	17722	24245	25423
- ACRYLIC	309.7640	2025	4620	4804	6399	9569	773	1365	1286	1372	3045
OTHER	309.7660	16942	15203	18836	49177	35860	6583	6385	6818	15315	12710
SUBTOTAL ABOVE		71281	89659	75645	123696	113527	29539	36661	28874	45373	47225
TOTAL MAN-MADE ABOVE		670117	828115	867620	685316	752657	675967	782036	805390	696732	789456
TEXTILE GLASS FIBER	309.2700 & .9700	39413	58101	58328	61160	85378	29553	56385	57787	66134	95496
GRAND TOTAL ABOVE		709530	886216	925948	746476	838035	705520	838421	863177	762866	884952

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes rayon tire cord and cord fabric.

c. Includes noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

TABLE 4:
U.S. IMPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/87	THOUSAND POUNDS					THOUSAND DOLLARS				
		1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	256	1571	190	518	305	290	940	267	610	511
OTHER	310.0130 & .0230[a]	7843	8245	12951	15669	12267	12365	12924	19129	24795	19226
MONOFILAMENTS	309.0310 & .0610	24	5	19	20	12	36	20	44	68	77
STRIPS, $1/LB & UNDER	309.2000*	570	160	763	756	227	396	88	624	646	196
SUBTOTAL ABOVE		8693	9981	13923	16963	12811	13087	13972	20064	26119	20010
STAPLE	309.4320 & .4325	12752	15388	11286	16453	12931	8434	10320	6844	12678	11128
GROUPED FILAMENTS	309.3010 & .3310	836	1605	1022	975	893	1312	2619	1471	1305	1600
SUBTOTAL ABOVE		13588	16993	12308	17428	13824	9746	12939	8315	13983	12728
WASTE, ADVANCED&NOT ADVANCED	309.6615 & .7510	277	530	479	121	85	164	323	263	79	25
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON											
LESS THAN 450 DENIER	310.0107 & .0207	} 5123	17966	32352	2601	2035	} 8610	26141	35244	5025	4170
450 DENIER AND OVER	310.0108 & .0208				33994	26755				37305	29921
- POLYESTER	310.0110 & .0210	2182	10806	16642	14590	15580	2403	10513	14653	13029	15403
- OTHER	310.0114 & .0214	7659	8939	14723	20477	24088	8986	10536	15732	20187	23874
OTHER - NYLON	310.0149 & .0249	14745	30192	18350	22521	22839	17994	39222	23747	30781	36679
- POLYESTER	310.0150 & .0250	13629	15698	16728	22465	19425	17705	21121	20624	28831	25656
- OTHER	310.0170 & .0270[b]	2739	2468	2520	5130	6777	6730	4139	4203	7837	8804
MONOFILAMENTS	309.0200 & .0330[c]	1737	2857	2059	2722	3804	4721	8817	5537	8197	12236
STRIPS, OVER $1/LB	309.2100 & .2500*	553	1066	1187	1557	2627	3952	5844	5886	6487	8601
SUBTOTAL ABOVE		48367	89992	104561	126057	123930	71101	126333	125626	157679	165344
STAPLE - NYLON	309.4331 & .4351	27648	38281	38544	51959	38955	23588	36579	34292	26229	42829
- POLYESTER	309.4336 & .4361	21502	22890	26800	40785	70721	11912	13272	15841	13456	40278
- ACRYLIC	309.4366	13644	13541	17611	17442	15716	12052	12568	16396	7799	13096
- OLEFIN	309.4371	1195	2213	5732	1871	514	911	1630	3879	289	400
- OTHER	309.4341 & .4390	9078	15412	25516	14238	12992	7010	11326	21283	4258	12810
GROUPED FILAMENTS											
NYLON	309.3030 & .3200	19085	23129	29514	38536	32248	27142	33524	40769	58505	50546
POLYESTER	309.3040 & .3340	2035	7104	4980	2354	3139	2268	6569	4715	2392	3767
ACRYLIC	309.3050 & .3350	6642	6929	7518	13065	13000	13631	15116	16548	31792	31152
OTHER	309.3065 & .3365	663	1660	3231	2540	1700	742	2371	4313	3339	2991
SUBTOTAL ABOVE		101492	131159	159446	182790	188985	99256	132955	158036	148059	197869
WASTE, NOT ADVANCED											
- NYLON	309.6625	26745	31205	27162	22377	26926	11494	13876	10793	7755	8412
- POLYESTER	309.6630	13004	8042	7149	6304	9170	2503	1325	1143	878	1385
- ACRYLIC	309.6635	304	39	283	328	306	76	8	48	182	70
- OTHER	309.6660	2724	4074	2072	8442	4666	1000	2027	807	2142	895
NOILS & GARNETTED FIBERS	309.7000*	232	458	155	164	162	82	254	101	123	83
OTHER WASTE, ADVANCED	309.7525 - .7555	3080	6729	3852	2688	5727	1219	1912	890	702	1894
SUBTOTAL ABOVE		46089	50547	40673	40303	46957	16374	19402	13582	11782	12739
TOTAL MAN-MADE ABOVE		218506	299202	331390	383662	386592	209728	305924	325886	357701	408715
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1506	1	1	1	1	5	4	7	7	15	44
- NONCELLULOSIC	310.1015[d]& .1205[e]	8110	12223	9270	10221	3999	11709	17370	9955	11926	6471
OTHER - CELLULOSIC	310.1030 & .1535[f]	93	173	390	478	553	351	723	937	1932	2622
- NONCELLULOSIC	310.1050 & .1070[g]	2054	2763	4032	4857	3314	3594	4447	6795	10007	7441
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	1091	1724	1739	1879	1541	1975	2224	2100	3105	3199
- OTHER	310.4015 & .4027[i]	31487	35583	34260	44691	37128	51623	58127	54897	75910	68943
OTHER YARNS - NES, INCL. CHENILLE	310.6034 - .8000	2955	7517	8912	16759	28029	10969	16210	15640	28555	46150
HANDWORK YARNS & SEWING THREAD	310.9000 & .9310[j]	2654	5445	9283	4593	8338	11898	18111	28952	13846	31339
SLIVER, TOPS & ROVING	309.9000	4755	4544	1941	3298	5537	5193	4792	2334	4467	7085
TEXTILE GLASS FIBER	309.2800 & .2900[k]	20020	23083	34690	24404	29465	13878	19203	27850	23082	29283
GRAND TOTAL ABOVE		291726	392258	435908	494843	504501	320922	447138	475353	530546	611292

Source: U.S. Census Bureau Report IM146.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Separation of cellulosic and noncellulosic quantities are estimated, based primarily on average declared value.

a. Also includes 310.0610.
b. Also includes 310.0530, .0550, .0630 & .0650.
c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
e. Also includes 310.1210
f. Also includes 310.2110.
g. Also includes 310.1510, .1514, .1550, .1555, .1570, .2030, .2050, .2130 & .2150.
h. Also includes 310.5005 & .5030
i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.
j. Also includes 310.9320 & .9500.
k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 5:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN
THOUSAND POUNDS

	A. NONCELLULOSIC YARN-SINGLES						B. NONCELLULOSIC STAPLE +TOW								C. SPUN YARNS				D. WASTE				E. TEXTILE	
	NYLON		POLYESTER		OTHER		NYLON		POLYESTER		ACRYLIC		OTHER		CELL.		NONCELL.		CELL .		NONCELL .		GLASS	
COUNTRY	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
AUSTRIA	+	0	20	32	779	28	0	9	0	0	+	0	551	2227	1254	934	246	68	0	0	0	0	0	0
BELGIUM/LUX.	4798	3023	117	173	9095	9299	294	54	0	+	117	142	72	3	0	0	216	1	0	0	610	772	28	611
DENMARK	+	0	+	+	0	0	0	0	35	20	0	0	154	137	0	0	0	1	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0	0	0	0	0	0	0	18	38	0	0	100	82	0	0	0	0	0	0
FRANCE	7708	5598	61	147	54	9	8779	7434	558	393	129	122	845	112	0	3	951	369	6	1	1128	1160	98	167
GERMANY, FED. REP.	12689	11213	7498	7557	435	3228	21950	16999	348	6557	5312	7057	2510	1308	83	31	2913	2144	0	0	1939	3183	20	133
GREECE	0	0	0	0	3	2	0	0	0	0	12	0	0	0	0	0	1402	1811	0	0	0	0	1	0
IRELAND	108	25	0	+	399	239	3	0	364	2086	1	0	134	0	1	0	20	+	0	0	23	14	0	0
ITALY	11743	11988	144	230	373	178	18443	9923	76	4	2008	1936	1150	1024	58	22	9113	9651	+	0	0	0	86	242
NETHERLANDS	601	922	455	126	128	34	192	+	2	1	0	15	1	0	0	0	90	0	0	0	533	2360	0	420
PORTUGAL	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	768	362	0	0	0	0	0	0
SPAIN	0	0	0	0	1	302	1	0	0	+	97	425	17	1	10	24	226	900	0	0	41	144	0	0
SWITZERLAND	379	76	49	141	4	261	674	666	1	6	18	254	178	304	0	0	107	40	0	0	104	93	27	0
UNITED KINGDOM	6315	7305	51	220	901	814	15704	8638	473	192	4152	5620	1213	554	0	0	1321	839	76	0	742	3830	2345	7264
OTHER	52	24[a]	16	126[c]	0	67[f]	50	1[j]	+	38[j]	101	0	30	0	0	0	689	608[o]	0	0	0	0	0	437[t]
TOTAL WEST EUROPE	44393	40174	8411	8752	12172	14461	66091	43726	1857	9297	11947	15571	6873	5708	1406	1014	18162	16876	82	1	5120	11556	2605	9274
POLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROMANIA	75	0	563	166	0	0	2042	3866	396	504	175	104	92	0	0	0	3195	3217	0	0	0	144	0	0
OTHER	86	0	0	0	48	0	0	0	4	0	0	0	237	0	0	0	1664	1254[p]	0	0	0	0	0	+[u]
TOTAL EAST EUROPE	161	0	563	166	48	0	2042	3866	400	504	175	104	329	0	0	0	4859	4471	0	0	0	144	0	+
ARGENTINA	82	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	619	717	0	0
BRAZIL	0	0	0	0	6	1	0	0	0	1275	0	0	610	423	0	5	472	292	0	0	0	0	0	0
CANADA	4829	2454	1047	656	11616	14719	13731	16476	8379	11447	76	0	3165	1401	2	0	1218	894	0	84	12845	12299	1967	3907
COSTA RICA	0	0	6558	6723	0	0	0	0	75	91	0	0	0	0	0	0	0	0	0	0	131	34	0	0
MEXICO	5727	5928	8119	13063	604	852	6163	5179	3565	10828	5693	3843	127	530	0	0	2184	2127	0	0	10264	9189	9	0
OTHER	0	0	183	1[d]	88	223[g]	14	0	0	+[k]	0	0	0	0	0	0	548	599[q]	0	0	125	0	162	0
TOTAL OTHER AMERICA	10638	8521	15907	20443	12314	15795	19908	21655	12019	23641	5769	3843	3842	2354	2	5	4422	3912	0	84	23984	22239	2138	3907
BANGLADESH	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HONG KONG	0	0	+	0	0	0	48	109	17	9	0	0	0	0	0	0	197	108	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	659	575	0	0	0	0	0	0
KOREA, REP. OF	15	0	51	2	43	23	0	22	5397	11438	+	8976	145	214	0	0	593	360	0	0	49	3082	3	0
MALAYSIA	0	0	0	0	0	0	0	0	286	563	0	43	0	0	0	0	1477	1084	0	0	6	0	6	0
PHILIPPINES	0	0	0	27	0	0	0	0	0	0	2	2	+	+	0	0	1603	554	0	0	0	0	0	0
SINGAPORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1640	1009	0	0	0	0	0	0
TAIWAN	380	159	202	64	1	16	79	202	14774	18291	171	0	5286	4155	0	0	561	81	0	0	169	86	479	40
THAILAND	0	0	0	4	0	0	0	0	0	0	0	0	138	0	0	0	872	739	0	0	0	0	0	0
OTHER	0	0	94	0	0	0	0	0	0	2[l]	0	0	0	0	0	2[n]	38	117[r]	0	0	0	0	0	0
TOTAL OTHER ASIA	395	159	347	117	44	45	127	333	20474	30303	173	9021	5569	4369	0	2	7640	4627	0	0	224	3168	488	40
CHINA, P.R.C.	0	0	0	390	60	0	0	17	117	0	0	0	0	11	0	0	2413	2552	0	0	5092	2704	0	0
JAPAN	153	126	5721	5019	962	549	567	1312	7965	9999	12340	177	1944	2699	442	520	4631	4106	0	0	2405	3545	19137	16244
AUSTRALIA	134	0	0	0	0	0	660	185	279	33	0	0	40	0	0	0	0	0	0	0	1982	1595	0	0
EGYPT	0	0	+	0	0	0	0	0	0	0	0	0	0	8	0	0	920	231	0	0	0	0	0	0
ISRAEL	2982	2616	90	30	6	15	334	109	28	0	103	0	0	57	0	0	177	179	39	0	985	1972	0	0
NEW ZEALAND	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH AFRICA	260	0	6016	88	0	0	736	0	0	0	0	0	52	0	0	0	964	39	0	0	511	34	0	0
OTHER	0	33[h]	0	+[e]	1	+[h]	30	0	0	83[m]	0	0	0	0	29	0	503	135[s]	0	0	+	0	36	0
TOTAL M.E., A., & O.	3376	2649	6106	118	7	15	1760	294	307	116	103	0	92	65	29	0	2564	584	39	0	3478	3601	36	0
GRAND TOTAL	59116	51629	37055	35005	25607	30865	90495	71203	43139	73860	30507	28716	18649	15206	1879	1541	44691	37128	121	85	40303	46957	24404	29465

SEE FOOTNOTES PAGE 29 OPPOSITE.

GRAPH 1:
IMPORTS VS. EXPORTS OF MAN-MADE FIBER

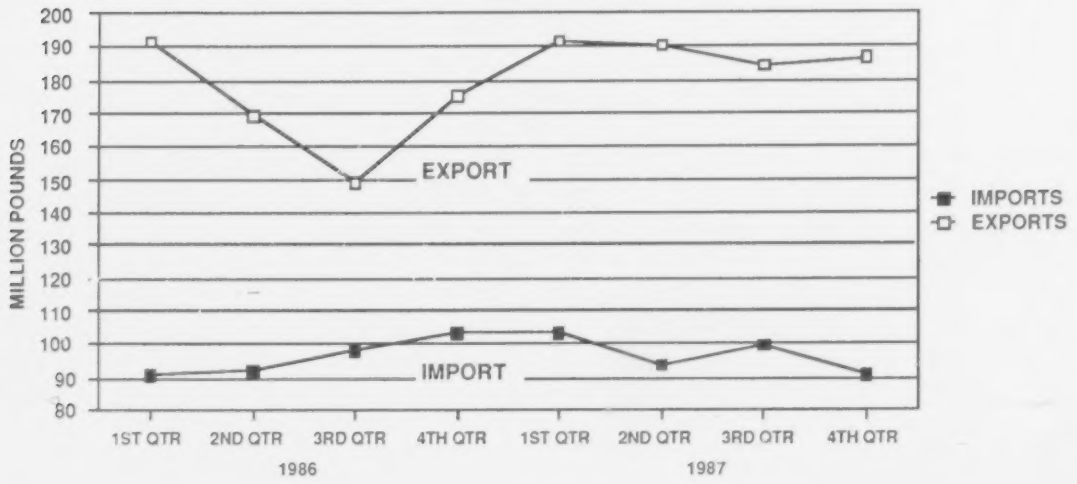

TABLE 6:
MAN-MADE FIBER QUARTERLY TRADE BALANCE
MILLION POUNDS

	CELLULOSIC YARN & MONOFIL			CELLULOSIC STAPLE+TOW			NONCELLULOSIC YARN & MONOFIL			NONCELLULOSIC STAPLE+TOW			CELLULOSIC WASTE			NONCELLULOSIC WASTE			TOTAL		
	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL
1986																					
1ST QUARTER	4.2	1.7	-2.5	4.2	10.5	+6.3	25.6	76.3	+50.7	46.0	72.9	+26.9	+	0.5	+0.5	10.7	30.0	+19.3	90.7	191.9	+101.2
2ND QUARTER	4.9	2.1	-2.8	3.9	5.3	+1.4	29.6	70.2	+40.6	42.9	59.5	+16.6	+	0.6	+0.6	10.5	31.4	+20.9	91.8	169.1	+77.3
3RD QUARTER	3.7	1.8	-1.9	4.9	7.8	+2.9	33.7	55.0	+21.3	46.1	57.1	+11.0	+	0.6	+0.6	9.5	26.6	+17.1	97.9	148.9	+51.0
4TH QUARTER	4.2	1.7	-2.5	4.4	9.0	+4.6	37.2	54.1	+16.9	47.8	74.3	+26.5	0.1	0.6	+0.5	9.6	35.7	+26.1	103.3	175.4	+72.1
TOTAL	17.0	7.3	-9.7	17.4	32.6	+15.2	126.1	255.6	+129.5	182.8	263.8	+81.0	0.1	2.3	+2.2	40.3	123.7	+83.4	383.7	685.3	+301.6
1987																					
1ST QUARTER	3.0	1.8	-1.2	4.1	9.1	+5.0	34.1	55.2	+21.1	48.9	94.7	+45.8	0	0.4	+0.4	13.0	30.7	+17.7	103.1	191.9	+88.8
2ND QUARTER	2.5	1.5	-1.0	3.9	8.5	+4.6	29.0	57.3	+28.3	46.1	93.9	+47.8	+	0.2	+0.2	11.9	28.9	+17.0	93.4	190.3	+96.9
3RD QUARTER	2.8	1.4	-1.4	3.0	13.2	+10.2	30.8	60.1	+29.3	52.4	85.2	+32.8	0	0.2	+0.2	10.6	23.8	+13.2	99.6	183.9	+84.3
4TH QUARTER	4.5	1.7	-2.8	2.8	3.8	+1.0	30.0	58.6	+28.6	41.6	92.2	+50.6	0.1	0.2	+0.1	11.5	30.1	+18.6	90.5	186.6	+96.1
TOTAL	12.8	6.4	-6.4	13.8	34.6	+20.8	123.9	231.2	+107.3	189.0	366.0	+177.0	0.1	1.0	+0.9	47.0	113.5	+66.5	386.6	752.7	+366.1

SOURCES: The fiber import and export data are from the U.S. Bureau of the Census (Reports IM145X and EM522).

FOOTNOTES FOR TABLE 5 PAGE 28

SOURCE: U.S. Census Bureau IM146.

\+ Less than 1 thousand pounds.

A. Nylon 310.0107, .0108, .0149, .0207, .0208 & .0249; Polyester 310.0110, .0150, .0210 & .0250; Other 310.0114, .0170, .0214, .0270, .0530, .0550, .0630 & .0650.

B. Nylon 309.3030, .3200, .4331 & .4351; Polyester 309.3040, .3340, .4336 & .4361; Acrylic 309.3050, .3350 & .4366; Other 309.3065, .3365, .4341, 4371 & 4390.

C. Cellulosic 310.4005, .4030, .5005 & .5030; Noncellulosic 310.4015, .4027, .4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

D. Cellulosic 309.6615 & .7510; Noncellulosic 309.6625, .6630, .6645, .6660, .7000, .7525, .7530, .7540 & .7555.

E. 309.2800, .2900, .9800 & .9900.

a. Turkey 24.

b. Morocco 33.

c. Turkey 126.

d. Guatemala 1.

e. Nigeria.

f. Turkey 35, Norway 31, Sweden 1.

g. Chile 223, El Salvador.

h. Mozambique.

i. Sweden 1.

j. Turkey 38.

k. N. Antil.

l. India 2.

m. Iran 83.

n. India 2.

o. Turkey 604, Norway 3, Sweden 1.

p. Hungary 817, Yugoslavia 437.

q. Honduras 325, El Salvador 216, Venezuela 58.

r. Pakistan 117, India.

s. Mauritius 135.

t. Norway 437.

u. Yugoslavia.

TABLE 7:
QUARTERLY U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES

MILLION POUNDS

PRODUCTS	2ND QUARTER 1986			3RD QUARTER 1986			4TH QUARTER 1986			1ST QUARTER 1987			2ND QUARTER 1987			3RD QUARTER 1987			4TH QUARTER 1987		
	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]
RAYON & ACETATE																					
YARN+MONOFILAMENTS	4.9	2.1	2.8 I	3.7	1.8	1.9 I	4.2	1.7	2.5 I	3.0	1.8	1.2 I	2.5	1.5	1.0 I	2.8	1.4	1.4 I	4.5	1.7	2.8 I
STAPLE+TOW	3.9	5.3	1.4 E	4.9	7.8	2.9 E	4.4	9.0	4.6 E	4.1	9.1	5.0 E	3.9	8.5	4.6 E	3.0	13.2	10.2 E	2.8	3.8	1.0 E
WASTE	+	0.6	0.6 E	+	0.6	0.6 E	0.1	0.6	0.5 E	0	0.4	0.4 E	+	0.2	0.2 E	0	0.2	0.2 E	0.1	0.2	0.1 E
SUBTOTAL	8.8	8.0	0.8 I	8.6	10.2	1.6 E	8.7	11.3	2.6 E	7.1	11.3	4.2 E	6.4	10.2	3.8 E	5.8	14.8	9.0 E	7.4	5.7	1.7 I
NONCELLULOSIC FIBERS																					
YARN+MONOFILAMENTS	29.6	70.2	40.6 E	33.7	55.0	21.3 E	37.2	54.1	16.9 E	34.1	55.2	21.1 E	29.0	57.3	28.3 E	30.8	60.1	29.3 E	30.0	58.6	28.6 E
STAPLE+TOW	42.9	59.5	16.6 E	46.1	57.1	11.0 E	47.8	74.3	26.5 E	48.9	94.7	45.8 E	46.1	93.9	47.8 E	52.4	85.2	32.8 E	41.6	92.2	50.6 E
WASTE	10.5	31.4	20.9 E	9.5	26.6	17.1 E	9.6	35.7	26.1 E	13.0	30.7	17.7 E	11.9	28.9	17.0 E	10.6	23.8	13.2 E	11.5	30.1	18.6 E
SUBTOTAL	83.0	161.1	78.1 E	89.3	138.7	49.4 E	94.6	164.1	69.5 E	96.0	180.6	84.6 E	87.0	180.1	93.1 E	93.8	169.1	75.3 E	83.1	180.9	97.8 E
TOTAL FIBER ABOVE	91.8	169.1	77.3 E	97.9	148.9	51.0 E	103.3	175.4	72.1 E	103.1	191.9	88.8 E	93.4	190.3	96.9 E	99.6	183.9	84.3 E	90.5	186.6	96.1 E
MAN-MADE FIBER MANUFACTURES																					
SLIVER, TOPS & ROVING	0.8	1.1	0.3 E	0.9	0.8	0.1 I	0.7	1.3	0.6 E	1.0	1.1	0.1 E	2.4	1.1	1.3 I	1.6	1.5	0.1 I	0.8	1.5	0.7 E
SPUN YARNS	16.9	11.8	5.1 I	18.9	7.2	11.7 I	16.4	9.0	7.4 I	14.5	8.2	6.3 I	18.3	11.2	7.1 I	16.4	9.6	6.8 I	14.3	13.8	0.5 I
THREAD & CRAFT YARNS	1.3	1.4	0.1 E	1.2	0.9	0.3 I	0.9	1.7	0.8 E	2.3	1.5	0.8 I	2.3	2.0	0.3 I	2.3	1.2	1.1 I	2.0	1.3	0.7 I
TIRE CORD & FABRIC	0.7	12.8	12.1 E	0.6	9.0	8.4 E	0.8	12.8	12.0 E	0.9	13.6	12.7 E	1.4	14.8	13.4 E	1.5	13.0	11.5 E	1.8	12.4	10.6 E
WOVEN FABRIC	60.4	32.3	28.1 I	53.3	36.8	16.5 I	41.0	35.3	5.7 I	42.6	33.9	8.7 I	50.2	42.7	7.5 I	47.3	36.6	10.7 I	42.4	39.4	3.0 I
KNIT FABRIC	2.3	3.1	0.8 E	3.5	2.9	0.6 I	4.3	2.9	1.4 I	4.8	2.5	2.3 I	3.9	3.2	0.7 I	2.6	2.8	0.2 E	3.3	3.1	0.2 I
NARROW FABRIC	7.3	10.5	3.2 E	5.9	9.3	3.4 E	5.1	9.9	4.8 E	3.3	10.6	7.3 E	4.1	11.5	7.4 E	4.0	11.3	7.3 E	3.2	12.0	8.8 E
APPAREL - KNIT	112.1	}19.1	207.7 I	149.3	}19.4	266.4 I	87.9	}19.8	184.5 I	95.4	}19.7	224.0 I	139.1	}21.1	256.0 I	162.5	}20.4	285.5 I	88.3	}21.3	185.1 I
- NOT KNIT	114.7			136.5			116.4			148.3			138.0			143.4			118.1		
HOME FURNISHINGS	}115.4	20.7	}75.5 I	108.2	18.5	}68.6 I	114.5	29.9	}62.8 I	111.3	22.3	}67.9 I	128.6	27.9	}77.1 I	128.8	24.3	}81.9 I	108.1	26.5	}57.9 I
OTHER		19.2		21.1			21.8			21.1			23.6			22.6			23.7		
TOTAL MANUFACTURES	431.9	132.0	299.9 I	478.3	125.9	352.4 I	388.0	144.4	243.6 I	424.4	134.5	289.9 I	488.3	159.1	329.2 I	510.4	143.3	367.1 I	382.3	155.0	227.3 I
TOTAL MAN-MADE FIBER & MANUFACTURES	523.7	301.1	222.6 I	576.2	274.8	301.6 I	491.3	319.8	171.5 I	527.5	326.4	201.1 I	581.7	349.4	232.3 I	610.0	327.2	282.8 I	472.8	341.6	131.2 I
COTTON MANUFACTURES	463.1	70.3	392.8 I	486.0	68.5	417.5 I	449.3	78.7	370.6 I	600.1	72.5	527.6 I	563.9	74.2	489.7 I	606.5	74.5	532.0 I	565.1	76.8	488.3 I
WOOL MANUFACTURES	67.4	4.7	62.7 I	93.3	3.2	90.1 I	66.4	4.4	62.0 I	51.5	4.4	47.1 I	76.6	5.8	70.8 I	92.5	6.1	86.4 I	55.5	7.1	48.4 I

SOURCE: The man-made fiber import and export data are from the U.S.Census Bureau Reports IM146 and EM546. The man-made, cotton and wool manufactures data are from U.S. Department of Agriculture *"Cotton and Wool Outlook Situation."*

The total man-made fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic fibers only. Textile glass fiber is excluded.

a. E Export Balance; I Import Balance.

TABLE 8:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
CELLULOSIC YARN, MONOFIL & STRIPS														
AUSTRIA	0	138	0	43	42	21	0	0	0	0	0	0	244	30
BRAZIL	86	29	0	28	54	88	29	44	64	134	28	38	622	333
CANADA	425	368	175	323	285	70	137	180	248	301	307	413	3232	4751
GERMANY, FED. REP.	442	229	561	363	332	352	370	499	426	588	329	416	4907	6029
JAPAN	209	10	39	39	6	38	66	16	63	94	0	1070	1650	545
MEXICO	3	15	10	102	28	18	58	111	104	44	99	37	629	945
NETHERLANDS	101	43	105	147	38	40	42	176	63	127	151	172	1205	2708
ALL OTHER COUNTRIES [a]	1	3	1	0	1	27	14	80	30	55	103	7	322	1622
TOTAL CELLULOSIC YARN	1267	835	891	1045	786	654	716	1106	998	1343	1017	2153	12811	16963
CELLULOSIC STAPLE+TOW														
CANADA	749	1188	1356	1230	841	1185	420	1115	885	687	944	353	10953	12872
ITALY	88	0	59	51	61	35	78	149	66	36	101	32	756	455
JAPAN	59	168	168	18	98	61	59	60	94	99	78	139	1101	1021
SWEDEN	43	0	0	48	89	39	0	0	0	110	0	128	457	579
UNITED KINGDOM	46	5	73	24	0	41	42	27	41	22	3	64	388	715
ALL OTHER COUNTRIES [b]	0	63	4	7	0	36	5	0	0	11	+	43	169	2086
TOTAL CELLULOSIC STAPLE+TOW	985	1424	1660	1378	1089	1397	604	1351	1086	965	1126	759	13824	17428
NONCELLULOSIC YARN, MONOFIL & STRIPS														
BELGIUM	1408	1377	559	560	653	849	671	2122	893	1220	1001	1216	12529	14011
CANADA	890	1976	1613	1605	1802	1214	1426	1726	1624	1210	1313	1536	17935	17549
CHINA, PRC	0	0	94	0	267	30	0	0	0	0	0	0	391	60
COSTA RICA	729	515	642	589	590	564	585	489	510	475	557	478	6723	6486
DENMARK	31	62	0	0	32	30	30	0	30	0	0	0	215	214
FRANCE	686	685	659	648	306	678	331	91	72	550	717	408	5831	7981
GERMANY, FED. REP.	1744	2397	2421	2740	1373	1347	2176	2052	1900	1851	1654	1872	23527	22025
IRELAND	81	58	0	0	106	79	54	0	35	34	1	15	463	546
ISRAEL	162	233	90	249	321	97	165	300	228	296	310	209	2660	3095
ITALY	1202	866	1292	1254	940	985	1020	394	1748	1446	875	661	12683	12394
JAPAN	992	570	670	661	525	548	523	691	492	408	531	371	6982	7897
KOREA, REP. OF	41	21	22	20	60	25	25	25	72	46	46	45	448	288
MEXICO	1167	2037	2527	1939	1660	871	1829	1268	1757	2087	1605	1728	20475	14492
NETHERLANDS	93	184	151	99	61	62	154	90	83	62	+	45	1084	1183
SINGAPORE	73	0	66	44	21	23	49	55	0	66	33	55	485	170
SWITZERLAND	253	2	64	2	9	1	15	+	2	44	39	76	507	461
TAIWAN	14	39	63	46	34	116	104	89	106	57	32	71	771	892
UNITED KINGDOM	735	596	844	894	483	670	610	773	821	762	650	677	8515	7450
ALL OTHER COUNTRIES [c]	151	142	119	144	48	86	194	226	41	269	141	145	1706	8863
TOTAL NONCELLULOSIC YARN	10452	11760	11896	11494	9291	8275	9961	10391	10414	10883	9505	9608	123930	126057
NONCELLULOSIC STAPLE+TOW														
AUSTRIA	61	18	130	177	38	312	274	287	240	353	285	80	2255	411
BELGIUM	21	36	18	18	53	1	+	17	0	15	+	2	181	485
BRAZIL	0	438	236	379	262	297	0	61	0	0	0	25	1698	608
CANADA	3125	3071	3201	2248	2236	2507	2725	1771	2893	2263	1748	1532	29320	25290
FRANCE	955	588	532	585	520	1193	279	766	639	469	764	660	7950	10313
GERMANY, FED. REP.	2586	2359	2194	2463	1766	1951	2805	3147	4935	3892	1964	1858	31920	30119
IRELAND	109	0	0	0	0	344	91	122	394	403	116	290	1869	501
ISRAEL	62	0	31	0	291	36	0	36	1	0	0	3	460	465
ITALY	2265	1688	2200	980	344	1183	100	853	1304	1220	317	332	12786	21678
JAPAN	1849	1582	2230	2472	1577	2390	1698	2317	1574	2185	1218	2248	23340	22815
KOREA, REP. OF	935	947	655	614	1247	956	1106	1254	819	1053	898	1232	11716	5542
MALAYSIA	48	95	0	95	87	95	0	48	48	0	48	0	564	286
MEXICO	1586	1232	1784	824	2080	1303	3161	3339	2043	1279	1149	565	20345	15549
ROMANIA	372	58	590	88	516	749	339	615	271	303	159	406	4466	2654
SWITZERLAND	71	152	198	89	17	70	66	34	96	85	138	214	1230	872
TAIWAN	1911	1559	1338	2580	1985	2003	1774	2390	2019	1521	2132	1403	22615	20309
UNITED KINGDOM	777	1280	1522	1264	1635	1032	953	1339	687	1474	1376	1663	15002	21541
ALL OTHER COUNTRIES [d]	24	13	135	72	103	7	80	85	475	74	86	114	1268	3352
TOTAL NONCELLULOSIC STAPLE+TOW	16757	15116	16994	14948	14757	16429	15451	18481	18438	16589	12398	12627	188985	182790

\+ Less than 1 thousand pounds.

a. Korea, Rep. of 104, Italy 79, Taiwan 57, Hong Kong 39, France 20, Singapore 15, Australia 5, United Kingdom 2, Belgium 1.

b. Austria 116, Germany, Fed. Rep. 26, Mexico 9, France 8, Venezuela 4, Finland 3, Brazil 2, Belgium 1.

c. Spain 302, Turkey 184, Romania 166, Chile 155, Australia 148, Argentina 139, Sweden 111, New Zealand 110, South Africa 88, Finland 61, Austria 55, Iran 39, Morocco 33, Norway 32, Philippines 27, Brazil 19, Thailand 16, Greece 12, Bangladesh 6, Guatemala 1, Iceland 1, Mozambique 1, El Salvador, Hong Kong

d. Spain 425, Australia 262, Denmark 157, Hong Kong 118, Costa Rica 91, Iran 83, Turkey 39, Finland 38, China, PRC 28, Netherlands 16, Egypt 7, Portugal 2, India 1, Sweden 1, N. Antil., Philippines.

TABLE 9:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	29	139	0	45	57	20	0	0	0	15	0	0	305	518
OTHER	310.0130 & .0230 a	1237	691	891	1000	729	607	704	1026	969	1279	1007	2127	12267	15669
MONOFILAMENTS	309.0310 & .0610	0	5	0	0	0	0	0	+	0	0	0	7	12	20
STRIPS, $1/LB & UNDER	309.2000*	1	0	0	0	0	27	12	80	29	49	10	19	227	756
SUBTOTAL ABOVE		**1267**	**835**	**891**	**1045**	**786**	**654**	**716**	**1106**	**998**	**1343**	**1017**	**2153**	**12811**	**16963**
STAPLE	309.4320 & .4325	867	1402	1569	1336	1072	1397	542	1116	968	895	1108	659	12931	16453
GROUPED FILAMENTS	309.3010 & .3310	118	22	91	42	17	0	62	235	118	70	18	100	893	975
SUBTOTAL ABOVE		**985**	**1424**	**1660**	**1378**	**1089**	**1397**	**604**	**1351**	**1086**	**965**	**1126**	**759**	**13824**	**17428**
WASTE, ADVANCED&NOT ADVANCED	309.6615 & .7510	0	0	0	7	0	21	0	0	0	0	30	27	55	121
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON															
LESS THAN 450 DENIER	310.0107 & .0207	142	163	113	123	147	150	188	228	170	243	227	141	2035	2601
450 DENIER AND OVER	310.0108 & .0208	2592	2933	3169	3131	1822	1660	1917	1752	2810	2121	1779	1069	26755	33994
- POLYESTER	310.0110 & .0210	1000	2243	1670	1399	1016	650	1165	1062	1102	1306	1338	1629	15580	14590
- OTHER	310.0114 & .0214	1876	2010	1396	1300	1785	1867	1595	3246	1980	2170	2026	2837	24088	20477
OTHER - NYLON	310.0149 & .0249	2008	2121	2350	2348	1695	1694	2086	1757	2033	2030	1626	1091	22839	22521
- POLYESTER	310.0150 & .0250	1918	1327	2088	2006	1590	1438	1693	1191	1329	1731	1514	1600	19425	22465
- OTHER	310.0170 & .0270 b	445	486	610	680	713	358	725	622	443	523	550	622	6777	5130
MONOFILAMENTS	309.0200 & .0330 c	272	281	265	263	354	297	329	310	336	461	315	321	3804	2722
STRIPS, OVER $1/LB	309.2100 & .2500*	199	196	235	244	169	161	263	223	211	298	130	298	2627	1557
SUBTOTAL ABOVE		**10452**	**11760**	**11896**	**11494**	**9291**	**8275**	**9961**	**10391**	**10414**	**10883**	**9505**	**9608**	**123930**	**126057**
STAPLE - NYLON	309.4331 & .4351	5346	4106	5357	3521	2137	3037	1984	3374	3202	3621	1485	1785	38955	51959
- POLYESTER	309.4336 & .4361	5335	5030	5122	4833	6596	5980	6805	7910	8667	5973	4341	4129	70721	40785
- ACRYLIC	309.4366	1216	839	1202	1285	1073	1724	1521	1617	1516	1204	1335	1184	15716	17442
- OLEFIN	309.4371	2	153	42	38	21	28	37	41	77	8	44	23	514	1871
- OTHER	309.4341 & .4390	479	904	1233	1011	918	1567	1152	1261	1103	1477	930	957	12992	14238
GROUPED FILAMENTS															
NYLON	309.3030 & .3200	3012	2523	2383	2409	2436	2723	2548	2867	2765	2939	3110	2533	32248	38536
POLYESTER	309.3040 & .3340	367	279	441	383	260	145	297	53	149	160	265	340	3139	2354
ACRYLIC	309.3050 & .3350	861	1144	1073	1290	1015	1104	947	1234	896	1128	811	1497	13000	13065
OTHER	309.3065 & .3365	139	138	141	178	301	121	160	124	63	79	77	179	1700	2540
SUBTOTAL ABOVE		**16757**	**15116**	**16994**	**14948**	**14757**	**16429**	**15451**	**18481**	**18438**	**16589**	**12398**	**12627**	**188985**	**182790**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2279	2182	3100	1454	2026	2732	2280	2160	2151	2042	2672	1848	26926	22377
- POLYESTER	309.6630	1077	823	1475	867	525	1035	377	688	321	828	695	459	9170	6304
- ACRYLIC	309.6645	20	53	0	18	41	0	18	53	29	38	19	17	306	328
- OTHER	309.6660	415	518	810	415	460	339	269	199	399	589	187	66	4666	8442
NOILS & GARNETTED FIBERS	309.7000*	0	0	0	0	0	31	0	0	31	0	0	100	162	164
OTHER WASTE, ADVANCED	309.7525 .7555	42	153	67	638	1016	243	848	551	266	730	645	528	5727	2688
SUBTOTAL ABOVE		**3833**	**3729**	**5452**	**3392**	**4068**	**4380**	**3792**	**3651**	**3197**	**4227**	**4218**	**3018**	**46957**	**40303**
TOTAL MAN-MADE ABOVE		33294	32864	36893	32264	29991	31156	30524	34980	34133	34007	28294	28192	386592	383662
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1506	0	0	+	0	0	0	2	0	3	0	+	0	5	1
- NONCELLULOSIC	310.1015 d& .1205 e	142	337	528	392	440	487	299	322	381	220	205	246	3999	10221
OTHER - CELLULOSIC	310.1030 & .1535 f	8	85	77	43	19	72	12	72	16	23	91	35	553	478
- NONCELLULOSIC	310.1050 & .1070 g	336	339	306	285	157	214	252	266	289	269	282	319	3314	4857
SPUN YARN - CELLULOSIC	310.4005 & .4030 h	151	112	165	134	60	143	165	222	77	130	58	124	1541	1879
- OTHER	310.4015 & .4027 i	2574	3765	3067	3780	4318	3892	3561	2543	2389	2782	2216	2241	37128	44691
OTHER YARNS - NES, INCL. CHENILLE	310.6034 - .8000	1493	1673	1629	2004	1943	2792	2993	2628	2849	3397	2456	2172	28029	16759
HANDWORK YARNS & SEWING THREAD	310.9000 & .9310 j	831	662	737	690	689	915	811	562	844	751	652	194	8338	4593
SLIVER, TOPS & ROVING	309.9000	383	279	281	607	585	1021	594	260	716	410	236	165	5537	3298
TEXTILE GLASS FIBER	309.2800 & .2900 k	1431	1868	1653	2285	1279	2046	2459	4637	4240	2869	2458	2240	29465	24404
GRAND TOTAL ABOVE		40643	41984	45336	42484	39481	42738	41672	46492	45937	44858	36948	35928	504501	494843

SOURCE: U.S. Census Bureau Report IM145X.

NES Not elsewhere specified.

\+ Less than 1 thousand pounds.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Separation of cellulosic and noncellulosic quantities are estimated, based primarily on average declared value.

a. Also includes 310.0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1210.

f. Also includes 310.2110.

g. Also includes 310.1510, .1514, .1550, 1555, .1570, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Also includes 310.9320 & .9500.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 10:
U.S. EXPORTS OF MAN-MADE FIBERS
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
CELLULOSIC FIBERS															
FILAMENT YARN [a]															
TEXTURED	310.0004	43	100	101	24	17	12	36	28	135	22	53	43	614	102
OTHER [b]	310.0026	475	365	639	468	654	306	503	372	260	335	388	663	5428	7002
MONOFILAMENTS	309.0110	0	0	0	2	0	+	39	0	34	93	76	41	285	228
STRIPS	309.2210	1	1	40	2	13	0	3	11	4	4	3	18	100	14
SUBTOTAL ABOVE		519	466	780	496	684	318	581	411	433	454	520	765	6427	7346
STAPLE+TOW-RAYON	309.4222	3930	1732	3107	2705	2582	2700	4047	4355	4372	1799	790	662	32781	30887
STAPLE-ACETATE	309.4219	33	112	156	112	215	164	144	96	159	121	290	119	1721	1679
SUBTOTAL ABOVE		3963	1844	3263	2817	2797	2864	4191	4451	4531	1920	1080	781	34502	32566
WASTE, ADVANCED&NOT ADVANCED	309.7400	231	169	47	134	52	35	50	113	12	133	73	41	1090	2222
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0005 & .0007	2678	2441	2542	2077	2760	3503	2614	3644	3286	2496	3314	3693	35048	24403
- HIGH TENACITY [c]	310.0027	7294	6373	5419	6719	7072	5385	8394	8212	4926	7044	5594	5675	78107	76870
- OTHER	310.0029	636	684	605	753	883	1054	571	639	1020	851	709	737	9142	10333
POLYESTER - TEXTURED	310.0010	2151	2949	3145	2473	2079	1983	1523	1752	1467	1772	2212	1551	25057	58753
- HIGH TENACITY [c]	310.0032	1691	1913	2308	1475	1806	2286	3231	2612	2259	1942	1822	1616	24961	23862
- OTHER [d]	310.0034	160	233	152	75	201	161	122	139	112	115	160	164	1794	2347
OTHER - TEXTURED	310.0014	1053	1386	1502	1133	1406	1995	1520	1344	1405	1275	2168	1932	18119	21122
- OLEFIN	310.0040	74	35	53	55	16	72	18	157	88	69	80	223	940	1708
- OTHER	310.0044	389	577	654	748	445	737	488	433	405	458	848	617	6799	6084
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	416	687	641	417	553	676	370	621	556	668	699	359	6663	5116
POLYESTER	309.0140	322	523	524	587	1447	1142	954	1154	1429	1534	1774	904	12294	6256
OTHER	309.0170	478	492	875	480	718	656	502	617	628	911	419	677	7453	4775
STRIPS	309.2220 & .2270	259	424	470	342	537	360	203	375	346	664	369	456	4805	3943
SUBTOTAL ABOVE		17601	18717	18890	17334	19923	20010	20510	21699	17927	19799	20168	18604	231182	255572
STAPLE - NYLON	309.4240	2060	1757	2615	1445	2092	1258	1694	1315	1996	2238	2388	2589	23447	15037
- POLYESTER	309.4242	18819	17019	16575	14494	13960	15011	11006	13848	12834	13720	9565	11276	168127	111270
- ACRYLIC	309.4245	4792	3355	2531	2440	4482	5365	4746	4997	7953	10827	5603	9983	67074	58397
- OLEFIN	309.4246	1893	2016	2642	2075	1583	1203	1849	1701	2060	1332	1215	1864	21433	14623
- OTHER	309.4247	1004	3194	2027	2959	4586	7965	2919	1998	1925	2708	1981	2029	35295	17410
GROUPED FILAMENTS															
NYLON	309.3220	283	737	386	275	259	470	401	350	394	740	775	413	5483	3701
POLYESTER [d]	309.3240	1941	1832	1578	2318	1728	1811	1233	1095	1939	1769	1374	1955	20573	21511
ACRYLIC	309.3250 & .3255	1653	2207	1805	1980	2329	1768	2395	2116	2415	2159	2275	1395	24497	21965
SUBTOTAL ABOVE		32445	32117	30159	27986	31019	34851	26243	27420	31516	35493	25176	31504	365929	263914
WASTE, ADVANCED&NOT ADVANCED															
- NYLON	309.7620	1021	1143	1095	1164	1260	1066	225	892	641	843	1248	1088	11686	8855
- POLYESTER	309.7630	2830	4649	5303	5570	5293	4829	3927	4753	4135	5746	4865	4512	56412	59265
- ACRYLIC	309.7640	1086	1362	1545	432	428	701	456	681	664	631	660	923	9569	6399
- OTHER	309.7660	2543	3090	5034	2174	2633	3380	1485	2039	3866	3100	3696	2820	35860	49177
SUBTOTAL ABOVE		7480	10244	12977	9340	9614	9976	6093	8365	9306	10320	10469	9343	113527	123696
TOTAL MAN-MADE ABOVE		62239	63557	66116	58107	64089	68054	57668	62459	63725	68119	57486	61038	752657	685316
TEXTILE GLASS FIBER	309.2700 & .9700	5992	6585	7160	7265	7967	7821	6250	7599	6180	7515	7134	7910	85378	61160
GRAND TOTAL ABOVE		68231	70142	73276	65372	72056	75875	63918	70058	69905	75634	64620	68948	838035	746476

SOURCE: U.S. Census Bureau Report EM522

\+ Less than 1 thousand pounds.

a. Includes thrown, singles and plied yarn.

b. Includes rayon tire cord and cord fabric.

c. Includes noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

TABLE 11:
QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1985 1ST Q	1985 2ND Q	1985 3RD Q	1985 4TH Q	1985 YEAR	1986 1ST Q	1986 2ND Q	1986 3RD Q	1986 4TH Q	1986 YEAR	1987 1ST Q	1987 2ND Q	1987 3RD Q	1987 4TH Q	1987 YEAR
						YARN+MONOFILAMENTS									
CELLULOSIC YARN [d]															
PRODUCTION	52.8	54.5	48.4	48.9	204.6	54.3	54.7	54.1	51.7	214.8	46.2	46.7	45.2	53.0	191.1
SHIPMENTS - DOMESTIC	44.4	48.0	46.6	48.1	187.1	48.6	50.4	47.7	45.4	192.1	39.2	43.6	40.2	43.8	166.8
- EXPORT	7.3	6.0	4.6	5.1	23.0	4.7	5.1	4.9	5.5	20.2	5.0	5.9	6.1	7.9	24.9
TOTAL SHIPMENTS	51.7	54.0	51.2	53.2	210.1	53.3	55.5	52.6	50.9	212.3	44.2	49.5	46.3	51.7	191.7
ENDING STOCK	18.9	19.4	16.6	12.3		13.3	12.5	14.0	14.8		16.8	14.0	12.9	14.2	
IMPORTS	2.6	3.1	3.6	3.9	13.2	3.9	4.6	3.6	4.1	16.2	3.0	2.5	2.7	4.4	12.6
TOTAL AVAILABLE	47.0	51.1	50.2	52.0	200.3	52.5	55.0	51.3	49.5	208.3	42.2	46.1	42.9	48.2	179.4
NYLON															
PRODUCTION	370.8	360.3	386.7	397.0	1514.8	396.9	396.5	398.3	414.6	1606.3	414.1	427.5	432.9	422.7	1697.2
SHIPMENTS - DOMESTIC	323.7	353.0	368.9	371.8	1417.4	363.4	368.7	377.7	370.6	1480.4	389.3	394.8	405.8	364.4	1554.3
- EXPORT	33.5	25.0	33.3	26.6	118.4	26.7	26.2	25.1	32.8	112.8	32.1	37.9	33.7	35.8	139.5
TOTAL SHIPMENTS	357.2	378.0	402.2	398.4	1535.8	390.1	396.9	402.8	403.4	1593.2	421.4	432.7	439.5	400.2	1693.8
ENDING STOCK	154.3	136.6	121.1	119.7		126.5	126.1	121.6	132.8		125.5	120.3	113.7	136.2	
OLEFIN [e]															
PRODUCTION	231.6	251.1	234.5	237.3	954.5	245.9	255.7	259.5	296.6	1057.7	255.8	283.9	287.4	306.7	1133.8
SHIPMENTS - DOMESTIC	223.6	246.0	234.4	233.6	937.6	241.3	258.4	257.8	291.7	1049.2	261.5	281.8	287.5	304.7	1135.5
- EXPORT	3.6	3.8	3.2	2.9	13.5	2.4	2.9	2.6	2.6	10.5	2.7	1.7	1.8	2.1	8.3
TOTAL SHIPMENTS	227.2	249.8	237.6	236.5	951.1	243.7	261.3	260.4	294.3	1059.7	264.2	283.5	289.3	306.8	1143.8
ENDING STOCK	65.9	67.2	64.1	64.9		67.1	61.5	60.6	62.9		54.5	54.9	53.0	52.9	
POLYESTER															
PRODUCTION	316.2	340.8	345.9	318.0	1320.9	322.2	271.5	285.5	293.5	1172.7	287.7	303.3	293.9	293.8	1178.7
SHIPMENTS - DOMESTIC	290.1	311.6	309.2	293.3	1204.2	284.8	253.5	273.7	280.4	1092.4	266.8	285.2	280.8	280.6	1113.4
- EXPORT	17.7	30.6	29.0	31.0	108.3	21.8	23.8	14.3	17.4	77.3	16.4	18.4	15.8	16.3	66.9
TOTAL SHIPMENTS	307.8	342.2	338.2	324.3	1312.5	306.6	277.3	288.0	297.8	1169.7	283.2	303.6	296.6	296.9	1180.3
ENDING STOCK	107.9	106.5	114.2	107.9		123.5	117.7	115.2	110.9		115.4	115.1	112.4	109.3	
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	918.6	952.2	967.1	952.3	3790.2	965.0	923.7	943.3	1004.7	3836.7	957.6	1014.7	1014.2	1023.2	4009.7
SHIPMENTS - DOMESTIC	837.4	910.6	912.5	898.7	3559.2	889.5	880.6	909.2	942.7	3622.0	917.6	961.8	974.1	949.7	3803.2
- EXPORT	54.8	59.4	65.5	60.5	240.2	50.9	54.9	42.0	52.8	200.6	51.2	58.0	51.3	54.2	214.7
TOTAL SHIPMENTS	892.2	970.0	978.0	959.2	3799.4	940.4	935.5	951.2	995.5	3822.6	968.8	1019.8	1025.4	1003.9	4017.9
ENDING STOCK	328.1	310.3	299.4	292.5		317.1	305.3	297.4	306.6		295.4	290.3	279.1	298.4	
DOMESTIC SHIPMENTS	837.4	910.6	912.5	898.7	3559.2	889.5	880.6	909.2	942.7	3622.0	917.6	961.8	974.1	949.7	3803.2
IMPORTS -TEXTURED YARN [b]	16.2	16.2	22.7	17.8	72.9	17.9	19.5	20.4	24.1	81.9	19.3	15.1	17.2	16.9	68.5
-OTHER YARN [b]	11.9	12.0	9.3	8.4	41.6	12.3	13.9	14.7	14.0	54.9	13.3	12.4	11.9	11.3	48.9
-MONOFILAMENTS	0.6	0.6	0.5	0.4	2.1	0.8	0.6	0.5	0.8	2.7	0.8	0.9	1.0	1.1	3.8
TOTAL IMPORTS	28.7	28.8	32.5	26.6	116.6	31.0	34.0	35.6	38.9	139.5	33.4	28.4	30.1	29.3	121.2
TOTAL AVAILABLE	866.1	939.4	945.0	925.3	3675.8	920.5	914.6	944.8	981.6	3761.5	951.0	990.2	1004.2	979.0	3924.4
						TEXTILE GLASS FIBER									
TOTAL SHIPMENTS	317.9	325.6	318.8	297.3	1259.6	330.6	352.6	333.9	322.2	1339.3	366.1	392.5	383.3	371.2	1513.1
IMPORTS	7.5	9.4	8.4	9.4	34.7	7.9	6.0	4.4	5.4	23.7	4.9	5.6	11.3	7.6	29.4

FOOTNOTES FOR TABLE ABOVE & OPPOSITE:

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Also include film fiber as well as spunbonded polypropylene.

b. Includes singles and plied.

c. These figures are composites of the nylon, acrylic+modacrylic and polyester staple imports, i.e., Commodity Numbers 309.4331, .4351, .4336 & .4366.

d. Includes both rayon & acetate yarn.

e. These figures are composites of olefin and other staple imports, i.e., Commodity Numbers 309.4371, .4341 & .4390.

f. 1987 data exclude Vinyon.

TABLE 11:
QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1985					1986					1987				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
						STAPLE+TOW									
RAYON															
PRODUCTION	85.6	85.8	87.2	94.1	352.7	95.1	99.7	103.4	105.5	403.7	101.3	100.5	103.6	108.4	413.8
SHIPMENTS - DOMESTIC	73.8	76.6	82.9	90.4	323.7	91.6	92.0	95.1	94.3	373.0	91.8	91.0	97.9	102.4	383.1
- EXPORT	7.9	13.5	10.0	3.6	35.0	6.3	6.9	7.3	10.3	30.8	8.1	8.2	12.6	3.5	32.4
TOTAL SHIPMENTS	81.7	90.1	92.9	94.0	358.7	97.9	98.9	102.4	104.6	403.8	99.9	99.2	110.5	105.9	415.5
ENDING STOCK	32.4	28.1	22.4	22.5		19.7	20.5	21.5	22.4		23.8	25.1	18.2	20.7	
DOMESTIC SHIPMENTS	73.8	76.6	82.9	90.4	323.7	91.6	92.0	95.1	94.3	373.0	91.8	91.0	97.9	102.4	383.1
IMPORTS FOR CONSUMPTION															
STAPLE	3.8	2.2	2.4	2.9	11.3	3.9	3.6	4.6	4.3	16.4	3.9	3.8	2.6	2.7	13.0
GROUPED FILAMENTS	0.3	0.3	0.3	0.2	1.1	0.3	0.3	0.3	0.1	1.0	0.2	0.1	0.4	0.2	0.9
TOTAL IMPORTS	4.1	2.5	2.7	3.1	12.4	4.2	3.9	4.9	4.4	17.4	4.1	3.9	3.0	2.9	13.9
TOTAL AVAILABLE	77.9	79.1	85.6	93.5	336.1	95.8	95.9	100.0	98.7	390.4	95.9	94.9	100.9	105.3	397.0
NYLON															
PRODUCTION	191.6	200.6	215.6	219.7	827.7	220.5	207.4	236.1	244.3	908.3	247.4	261.0	252.8	231.2	992.4
SHIPMENTS-DOMESTIC	192.8	202.7	212.9	221.9	830.3	195.2	203.2	254.3	242.2	894.9	246.2	253.2	246.2	220.4	966.0
-EXPORT	3.3	3.1	3.2	3.7	13.3	3.9	2.9	3.0	3.5	13.3	5.3	5.0	3.7	5.5	19.5
TOTAL SHIPMENTS	196.1	205.8	216.1	225.6	843.6	199.1	206.1	257.3	245.7	908.2	251.5	258.2	249.9	225.9	985.5
ENDING STOCK	74.1	69.1	68.6	62.7		84.1	85.4	64.2	62.8		58.7	61.5	64.4	69.7	
IMPORTS	8.7	8.0	12.5	9.3	38.5	11.9	10.6	14.9	14.6	52.0	14.8	8.7	8.6	6.9	39.0
TOTAL AVAILABLE	201.5	210.7	225.4	231.2	868.8	207.1	213.8	269.2	256.8	946.9	261.0	261.9	254.8	227.3	1005.0
ACRYLIC+MODACRYLIC															
PRODUCTION	163.0	158.5	152.1	157.2	630.8	149.0	151.1	158.0	157.8	615.9	155.7	159.0	135.3	141.5	591.5
SHIPMENTS-DOMESTIC	105.3	119.7	118.6	115.1	458.7	123.1	143.7	138.7	125.7	531.2	139.4	131.6	112.8	95.5	479.3
-EXPORT	59.0	42.4	46.7	37.0	185.1	27.1	19.2	17.8	18.8	82.9	14.7	17.0	32.0	51.4	115.1
TOTAL SHIPMENTS	164.3	162.1	165.3	152.1	643.8	150.2	162.9	156.5	144.5	614.1	154.1	148.6	144.8	146.9	594.4
ENDING STOCK	76.1	72.5	59.3	64.4		63.2	51.4	52.9	66.2		67.8	78.2	68.7	63.3	
IMPORTS	3.4	3.6	5.9	4.7	17.6	3.2	4.0	5.3	4.9	17.4	3.3	4.1	4.6	3.7	15.7
TOTAL AVAILABLE	108.7	123.3	124.5	119.8	476.3	126.3	147.7	144.0	130.6	548.6	142.7	135.7	117.4	99.2	495.0
OLEFIN+VINYON [f]															
PRODUCTION	69.1	72.7	75.1	77.8	294.7	82.4	82.3	84.7	85.9	335.3	85.5	92.3	92.1	90.6	360.5
SHIPMENTS-DOMESTIC	67.2	71.9	70.8	69.8	279.7	73.9	82.6	76.4	79.8	312.7	81.1	85.7	86.1	88.2	341.1
-EXPORT	1.0	2.0	3.2	2.3	8.5	4.2	4.8	4.8	5.0	18.8	6.9	5.7	5.4	4.8	22.8
TOTAL SHIPMENTS	68.2	73.9	74.0	72.1	288.2	78.1	87.4	81.2	84.8	331.5	88.0	91.4	91.5	93.0	363.9
ENDING STOCK	24.1	22.9	24.0	29.7		34.0	28.9	32.4	33.5		31.0	31.9	32.5	30.1	
POLYESTER															
PRODUCTION	520.7	512.2	468.9	518.3	2020.1	520.8	538.7	522.1	550.7	2132.3	581.0	596.2	578.4	606.2	2361.8
SHIPMENTS-DOMESTIC	456.3	460.2	462.4	493.8	1872.7	499.1	499.9	496.3	503.3	1998.6	534.4	549.9	537.5	579.2	2201.0
-EXPORT	51.0	63.2	29.1	22.6	165.9	25.7	25.0	31.6	42.5	124.8	48.2	47.0	38.3	34.7	168.2
TOTAL SHIPMENTS	507.3	523.4	491.5	516.4	2038.6	524.8	524.9	527.9	545.8	2123.4	582.6	596.9	575.8	613.9	2369.2
ENDING STOCK	186.9	175.7	153.1	155.0		151.0	164.8	159.0	163.9		162.3	161.6	164.2	156.5	
IMPORTS	5.5	7.7	7.3	6.3	26.8	9.3	8.9	8.7	13.9	40.8	15.5	17.4	23.4	14.4	70.7
TOTAL AVAILABLE	461.8	467.9	469.7	500.1	1899.5	508.4	508.8	505.0	517.2	2039.4	549.9	567.3	560.9	593.6	2271.7
TOTAL NONCELLULOSIC															
PRODUCTION	944.4	944.2	911.7	973.0	3773.3	972.7	979.5	1000.9	1038.7	3991.8	1069.6	1108.5	1058.6	1069.5	4306.2
SHIPMENTS-DOMESTIC	821.6	854.5	864.7	900.6	3441.4	891.3	929.4	965.7	951.0	3737.4	1001.1	1020.4	982.6	983.3	3987.4
-EXPORT	114.3	110.7	82.2	65.6	372.8	60.9	51.9	57.2	69.8	239.8	75.1	74.7	79.4	96.4	325.6
TOTAL SHIPMENTS	935.9	965.2	946.9	966.2	3814.2	952.2	981.3	1022.9	1020.8	3977.2	1076.2	1095.1	1062.0	1079.7	4313.0
ENDING STOCK	361.2	340.2	305.0	311.8		332.3	330.5	308.5	326.4		319.8	333.2	329.8	319.6	
DOMESTIC SHIPMENTS	821.6	854.5	864.7	900.6	3441.4	891.3	929.4	965.7	951.0	3737.4	1001.1	1020.4	982.6	983.3	3987.4
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE [c]	17.6	19.3	25.7	20.3	82.9	24.4	23.5	28.9	33.4	110.2	33.6	30.2	36.6	25.0	125.4
OTHER N.C. STAPLE [e]	7.1	7.3	8.7	8.2	31.3	7.2	4.4	2.5	2.0	16.1	2.8	3.6	3.7	3.4	13.5
GROUPED FILAMENTS	9.5	11.8	11.9	12.3	45.5	14.4	15.0	14.7	12.4	56.5	12.4	12.4	12.1	13.1	50.0
TOTAL IMPORTS	34.2	38.4	46.3	40.8	159.7	46.0	42.9	46.1	47.8	182.8	48.8	46.2	52.4	41.5	188.9
TOTAL AVAILABLE	855.8	892.9	911.0	941.4	3601.1	937.3	972.3	1011.8	998.8	3920.2	1049.9	1066.6	1035.0	1024.8	4176.3

See footnotes on opposite page.

TABLE 12:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1988	1987
	MAN-MADE FIBER TOTAL SHIPMENTS[b,c]													
CELLULOSIC														
YARN	15.9												15.9	14.6
RAYON STAPLE	32.6												32.6	34.1
TOTAL CELLULOSIC	48.5												48.5	48.7
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	27.5												27.5	31.0
- CARPET	72.6												72.6	75.1
- TEXTILE[f]	30.0												30.0	30.5
POLYESTER - INDUSTRIAL[d]	26.5												26.5	26.6
- TEXTILE[f]	62.9												62.9	63.3
OLEFIN[e]	93.5												93.5	92.3
TOTAL YARN	313.0												313.0	318.8
STAPLE+TOW+FIBERFILL														
NYLON	78.0												78.0	84.1
ACRYLIC+MODACRYLIC	48.5												48.5	49.2
POLYESTER	190.4												190.4	184.8
OLEFIN	27.8												27.8	28.2
TOTAL STAPLE	344.7												344.7	346.3
TOTAL NONCELLULOSIC	657.7												657.7	665.1
TOTAL MAN-MADE FIBER	706.2												706.2	713.8
	MAN-MADE FIBER END-OF-MONTH STOCK													
CELLULOSIC														
YARN	12.3												12.3	17.9
RAYON STAPLE	23.5												23.5	24.3
TOTAL CELLULOSIC	35.8												35.8	42.2
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	26.6												26.6	29.2
- CARPET	72.0												72.0	56.6
- TEXTILE[f]	51.7												51.7	49.6
POLYESTER - INDUSTRIAL[d]	29.8												29.8	30.6
- TEXTILE[f]	82.5												82.5	85.6
OLEFIN[e]	54.0												54.0	54.7
TOTAL YARN	316.6												316.6	306.3
STAPLE+TOW+FIBERFILL														
NYLON	63.4												63.4	59.3
ACRYLIC+MODACRYLIC	62.4												62.4	68.2
POLYESTER	173.7												173.7	178.0
OLEFIN	32.5												32.5	33.3
TOTAL STAPLE	332.0												332.0	338.8
TOTAL NONCELLULOSIC	648.6												648.6	645.1
TOTAL MAN-MADE FIBER	684.4												684.4	687.3
	WOOL & COTTON CONSUMPTION													
APPAREL CLASS WOOL														
CARPET CLASS WOOL														
TOTAL RAW WOOL														
RAW COTTON														

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.